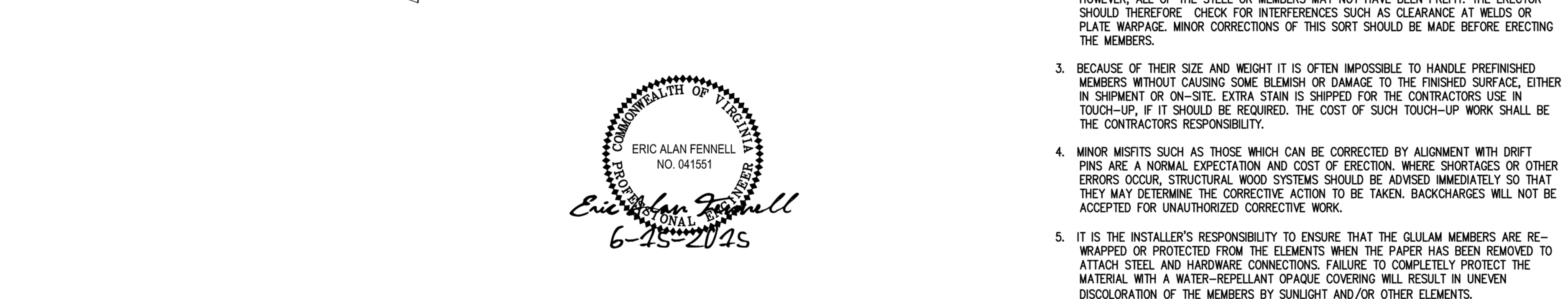
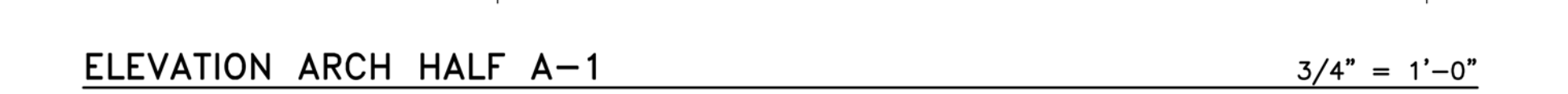
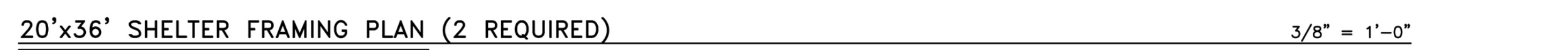


HARDWARE	ITEM	TOTAL REQ'D.	MARK	SHEET NO.	REMARKS	ITEM	TOTAL REQ'D.	MARK	SHEET NO.	REMARKS	ITEM	TOTAL REQ'D.	MARK	SHEET NO.	REMARKS					
	BASE SHOE	20	BS-1	3	GALVANIZED															
	1/4" PLATE	40	PL-1	2	GALVANIZED															
	3/4"Ø x 6 1/2" M.B.	62			GALVANIZED															
	3/4"Ø x 8 1/2" M.B.	42			GALVANIZED															
	3/4"Ø x 29" M.B.	10			GALVANIZED															
	3/4"Ø x 8" LAG	42			GALVANIZED															
	3/4"Ø x 10" LAG	62			GALVANIZED															
	3/4"Ø x 12" LAG	22			GALVANIZED															
	3/4"Ø CUT WASHER	204			GALVANIZED															
	3/4"Ø PL. WASHER	22			GALVANIZED															
	2 5/8"Ø SHEAR PL.	244			GALVANIZED															
	4"Ø SHEAR PL.	22			GALVANIZED															
	SDS 1/4"Ø x 2 1/2" SCREW	825			GALVANIZED															
MEMBER	SHEET NO.	TALLY	TOTAL PIECES	PC. MARK	DIMENSIONS	GLUE LGTH.	FBM		NO. & THICK-NESS OF LAMS	COMBI-NATION	TREATED	CURVE	STR-AIGHT	CAMBER RADIUS	APPEAR-ANCE & FINISH	FAB	SHAPE IF NOT RECT.	PROTECTION	CERTIFICATE	REMARKS
	2		20	A-1	5" x VARIES	ML			VARIES @ .84"	DIAG.	T	X			1	FAB		WRAP	A.I.T.C.	
	2		4	B-1	3" x 12 3/8"	32'-11"			9 @ 1.375"	24F-V5	T		X		3	FAB		WRAP	A.I.T.C.	
	2		20	OL-1	5" x 6 7/8"	7'-5"			5 @ 1.375"	#49(1:10)	T		X		1	FAB		WRAP	A.I.T.C.	
	2		20	C-1	5" x 5 1/2"	4'-10"			4 @ 1.375"	#49(1:10)	T		X		2	FAB		WRAP	A.I.T.C.	
	-		16	N-1	2x6 NOM. x 12'-0"					#1 S.Y.P.	T		X					BUNDLE		
	-		4	N-2	2x6 NOM. x 16'-0"					#1 S.Y.P.	T		X					WRAP		
																				FIELD TRIM AND ATTACH
DECK	4,004 FBM - 2x6 SOLID S.Y.P. T&G DECK, #1 GRADE, CM, EV1S, S/L, BUNDLE WRAPPED. 111 PCS. - 18'-0" 56 PCS. - 16'-0" 111 PCS. - 10'-0"																			
	<div>1 ARCHITECTUAL APPEARANCE GRADE - FINISH 2S1E - 1 COAT SEALER.</div> <div>2 ARCHITECTUAL APPEARANCE GRADE - FINISH 2S2E - 1 COAT SEALER.</div> <div>3 ARCHITECTUAL APPEARANCE GRADE - FINISH 2S2E2e - 1 COAT SEALER.</div> <div>T TREAT PRIOR TO GLUING w/PENTACHLOROPHENOL IN LIGHT MINERAL SPIRITS TO A NET RETENTION OF 0.3 PCF.</div>																			
<div><div>COMMONWEALTH OF VIRGINIA PROFESSIONAL ENGINEER ERIC ALAN FENNELL NO. 041551 6-15-2015</div><div><div>±4'-0"</div><div>A-1</div><div>±14'-9"</div><div>SHIPPING DIAGRAM</div></div><div>GLULAM IS SOUTHERN PINE MANUFACTURED IN ACCORDANCE WITH ANSI/AITC A190.1-2007 AND AITC 117-2010. DATE THIS PRINT WAS MADE 06/15/2015</div><div>THESE DRAWINGS ARE THE COPYRIGHTED PROPERTY OF STRUCTURAL WOOD SYSTEMS AND MAY NOT BE REPRODUCED OR USED FOR ANY OTHER PROJECT</div><div>PROJECT 20' x 36' SHELTERS LOCATION ROANOKE, VIRGINIA ARCHITECT ENGINEER CUSTOMER BLISS PRODUCTS & SERVICES, INC. DRAWN BY E.F. DATE 6/09/15 CHECKED BY P.L. DATE 6/11/15</div><div>STRUCTURAL WOOD SYSTEMS A DIVISION OF HARRISON INDUSTRIES P.O. BOX 250 GREENVILLE, ALABAMA 36037 PHONE: 334 / 382-6534 FAX : 334 / 382-4260 JOB NO. K-701-02-15 SHEET NO. 1 OF 3</div></div>																				




GENERAL NOTES:

1. THESE SHOP DRAWINGS ARE BASED ON:
SWS STANDARD DESIGN & CITY OF ROANOKE ITB# 15-08-03
2. MEMBERS AND THEIR CONNECTIONS HAVE BEEN DESIGNED FOR THE FOLLOWING LOADS, APPLIED IN ACCORDANCE WITH THE VIRGINIA STATEWIDE BUILDING CODE, DATED 2012:

DEAD LOAD	10 PSF + GLULAM WEIGHT
LIVE LOAD	20 PSF
SNOW LOAD	30 PSF (GROUND)
WIND LOAD	120 MPH (ULTIMATE), EXP "C", RISK CATEGORY II
3. GLULAM MEMBERS ARE SOUTHERN PINE, MANUFACTURED IN ACCORDANCE WITH ANSI/AITC A190.1-2007 AND AITC 117-2010. ADHESIVES ARE "WET-USE" TYPE PER ANSI/AITC A190.1-2007 AND CONTAINS NO UREA FORMALDEHYDE.
4. UNLESS NOTED OTHERWISE STEEL IS A36, WELDS PER AWS STANDARDS, AND MACHINE BOLTS ARE A307. ALL STEEL AND HARDWARE ITEMS WILL BE PRIME PAINTED UNLESS NOTED OTHERWISE ON THE MATERIAL SHEETS.
5. THE APPROVING AGENCY SHALL VERIFY DIMENSIONS AND DETAILS AND NOTE ANY CHANGES DESIRED, PAYING PARTICULAR ATTENTION TO THOSE ITEMS CIRCLED.
 - 5a. IN THE EVENT THAT NOTES, (ASKING THE APPROVER TO VERIFY INFORMATION), ARE NOT ADDRESSED BY THE APPROVER, S.W.S. WILL ASSUME THAT INFORMATION TO BE CORRECT AND WILL FABRICATE USING THAT INFORMATION.
 - 5b. S.W.S. WILL ASSUME THAT NOTES WRITTEN BY THE APPROVER ON THE APPROVAL DRAWINGS, (WHICH ASK FOR FIELD VERIFICATION OF DIMENSIONS), HAVE ALREADY BEEN ADDRESSED BY THE CONTRACTOR PRIOR TO THE RETURN OF THE APPROVAL DRAWINGS.
6. COORDINATION OF THESE SHOP DRAWINGS WITH THE PROJECT DRAWINGS AND WITH THOSE OF OTHER TRADES IS TO BE DONE BY THE ARCHITECT OR THE GENERAL CONTRACTOR.
7. MANUFACTURING CANNOT BEGIN UNTIL ONE COPY OF THESE SHOP DRAWINGS, SIGNED AND DATED BY THE APPROVING AGENCY, HAS BEEN RETURNED TO STRUCTURAL WOOD SYSTEMS AND REVISIONS, IF ANY, HAVE BEEN MADE.

GENERAL CONTRACTOR / ERECTOR NOTE:

1. FOR THE UNLOADING, HANDLING AND CARE OF MATERIALS, REFER TO FORM SWS-50 WHICH WILL ACCOMPANY SHIPMENT.
2. MEMBER CONNECTIONS HAVE BEEN PREFABRICATED AS SHOWN ON THESE DRAWINGS, HOWEVER, ALL OF THE STEEL OR MEMBERS MAY NOT HAVE BEEN PREFIT. THE ERECTOR SHOULD THEREFORE CHECK FOR INTERFERENCES SUCH AS CLEARANCE AT WELDS OR PLATE WARPAGE. MINOR CORRECTIONS OF THIS SORT SHOULD BE MADE BEFORE ERECTING THE MEMBERS.
3. BECAUSE OF THEIR SIZE AND WEIGHT IT IS OFTEN IMPOSSIBLE TO HANDLE PREFINISHED MEMBERS WITHOUT CAUSING SOME BLEMISH OR DAMAGE TO THE FINISHED SURFACE, EITHER IN SHIPMENT OR ON-SITE. EXTRA STAIN IS SHIPPED FOR THE CONTRACTORS USE IN TOUCH-UP, IF IT SHOULD BE REQUIRED. THE COST OF SUCH TOUCH-UP WORK SHALL BE THE CONTRACTORS RESPONSIBILITY.
4. MINOR MISFITS SUCH AS THOSE WHICH CAN BE CORRECTED BY ALIGNMENT WITH DRIFT PINS ARE A NORMAL EXPECTATION AND COST OF ERECTION, WHERE SHORTAGES OR OTHER ERRORS OCCUR, STRUCTURAL WORK SYSTEMS SHOULD BE ADVISED IMMEDIATELY SO THAT THEY MAY DETERMINE THE CORRECTIVE ACTION TO BE TAKEN. BACKCHARGES WILL NOT BE ACCEPTED FOR UNAUTHORIZED CORRECTIVE WORK.
5. IT IS THE INSTALLER'S RESPONSIBILITY TO ENSURE THAT THE GLULAM MEMBERS ARE RE-WRAPPED OR PROTECTED FROM THE ELEMENTS WHEN THE PAPER HAS BEEN REMOVED TO ATTACH STEEL AND HARDWARE CONNECTIONS. FAILURE TO COMPLETELY PROTECT THE MATERIAL WITH A WATER-REPELLANT OPAQUE COVERING WILL RESULT IN UNEVEN DISCOLORATION OF THE MEMBERS BY SUNLIGHT AND/OR OTHER ELEMENTS.



DATE THIS PRINT WAS MADE 06/15/2015		THESE DRAWINGS ARE THE COPYRIGHTED PROPERTY OF STRUCTURAL WOOD SYSTEMS AND MAY NOT BE REPRODUCED OR USED FOR ANY OTHER PROJECT		PROJECT 20' x 36' SHELTERS LOCATION ROANOKE, VIRGINIA ARCHITECT _____ ENGINEER _____ CUSTOMER BLISS PRODUCTS & SERVICES, INC. DRAWN BY E.F. DATE 6/09/15 CHECKED BY P.L. DATE 6/11/15		STRUCTURAL WOOD SYSTEMS A DIVISION OF HARRISON INDUSTRIES P.O. BOX 250 GREENVILLE, ALABAMA 36037 PHONE: 334 / 382-6534 FAX : 334 / 382-4260 JOB NO. K-701-02-15 SHEET NO. 2 OF 3	
		DATE _____ REVISIONS _____ BY WHOM _____					

CONCRETE EXPOSED TO EARTH OR WEATHER #5 BARS AND SMALLER 1 1/2"

DATE THIS PRINT WAS MADE	06/15/2015
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